

Title (en)

Double metal cyanide-catalyzed, low unsaturation polyethers from boron-containing starters

Title (de)

Durch Doppelmetallcyanidkatalysatoren herstellbare Polyether mit niedriger Unsättigung aus Starterverbindungen, die Bor enthalten

Title (fr)

Polyéthers à faible taux d'insaturation obtenus par des initiateurs contenant du bore et par catalyse à base de cyanure métallique double

Publication

EP 1785445 B1 20131016 (EN)

Application

EP 06022454 A 20061027

Priority

US 27010005 A 20051109

Abstract (en)

[origin: EP1785445A1] The present invention provides a process for the double metal cyanide (DMC)-catalyzed production of low unsaturation polyethers from boron-containing starters. The polyethers produced by the inventive process may be reacted with one or more isocyanates to provide polyurethane products including coatings, adhesives, sealants, elastomers, foams and the like. The inventive process may be used to prepare fuel additives from C 9 - C 30 boron-containing polyethers, more particularly from C 13 alcohols.

IPC 8 full level

C08G 65/26 (2006.01); **C08G 18/48** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP KR US)

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Citation (examination)

US 2005159628 A1 20050721 - STOSSER MICHAEL [DE], et al

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CN105637006A; US10329371B2; US10184039B2; US10208178B2; US9708448B2; US10301481B2; WO2015065770A1

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